

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: November 30, 2002, 12:35:43 ; Search time 8 Seconds
(without alignments)
1001.234 Million cell updates/sec

Title: US-10-025-514-16

Perfect score: 2675

Sequence: 1 MEDPQDAQAQKTDTSHPDQ.....RDLKCCMGKSCVSPYKA 503

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 102317 seqs, 15924203 residues

Total number of hits satisfying chosen parameters: 102317

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published_Applications_AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB pep.*
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- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	785	29.3	414	10	US-09-755-665-14
3	785	29.3	414	10	US-09-755-665-55
4	785	29.3	414	10	US-09-755-665-56
5	761	28.4	361	10	US-09-755-665-57
6	749.5	28.0	417	12	US-10-052-386-452
7	748.5	28.0	435	9	US-09-912-628-5
8	638.5	23.9	132	9	US-09-865-812-2
9	544.5	20.4	444	10	US-09-992-598-410
10	544.5	20.4	444	10	US-09-989-722-410
11	544.5	20.4	444	10	US-09-989-723-410
12	544.5	20.4	444	10	US-09-989-279-410
13	544.5	20.4	444	10	US-09-989-727-410
14	544.5	20.4	444	10	US-09-989-731-410
15	544.5	20.4	444	10	US-09-989-732-410
16	544.5	20.4	444	10	US-09-931-073-410
17	544.5	20.4	444	10	US-09-990-442-410
18	544.5	20.4	444	10	US-09-991-163-410
19	544.5	20.4	444	10	US-09-993-604-410

20	544.5	20.4	444	10	US-09-990-456-410	Sequence 410, App
21	544.5	20.4	444	10	US-09-989-721-410	Sequence 410, App
22	492.5	18.4	311	9	US-09-912-628-6	Sequence 6, Appli
23	488.5	18.3	459	10	US-09-925-300-1440	Sequence 1440, Ap
24	479	17.9	415	10	US-09-902-684-4	Sequence 4, Appli
25	471	17.6	405	10	US-09-902-684-13	Sequence 13, Appl
26	470.5	17.6	510	10	US-09-925-302-486	Sequence 486, App
27	469.5	17.6	410	9	US-09-987-021-2	Sequence 2, Appli
28	469.5	17.6	410	9	US-09-957-485-2	Sequence 2, Appli
29	468.5	17.5	410	9	US-09-987-021-3	Sequence 3, Appli
30	468.5	17.5	410	10	US-09-957-485-3	Sequence 3, Appli
31	463.5	17.3	374	9	US-09-974-298-95	Sequence 95, Appl
32	461.5	17.3	392	10	US-09-902-684-2	Sequence 2, Appli
33	459	17.2	391	10	US-09-735-705-110	Sequence 110, App
34	459	17.2	391	10	US-09-850-716A-110	Sequence 110, App
35	459	17.2	391	10	US-09-897-778-110	Sequence 110, App
36	457.5	17.1	400	10	US-09-735-705-112	Sequence 112, App
37	457.5	17.1	400	10	US-09-850-716A-112	Sequence 112, App
38	457.5	17.1	400	10	US-09-897-778-112	Sequence 112, App
39	451	16.9	402	9	US-09-987-021-4	Sequence 4, Appli
40	451	16.9	402	10	US-09-957-485-4	Sequence 4, Appli
41	443	16.6	437	10	US-09-925-301-1200	Sequence 1200, Ap
42	441.5	16.5	402	10	US-09-902-684-3	Sequence 3, Appli
43	438.5	16.4	377	10	US-09-910-430-27	Sequence 27, Appl
44	429	16.0	216	10	US-09-864-761-34205	Sequence 34205, A
45	425.5	15.9	464	10	US-09-414-834-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-09-755-665-58

; Sequence 58, Application US/09755665

; Patent No. US20020107186A1

; GENERAL INFORMATION:

; APPLICANT: Prayaga, Sudhirdas K.

; APPLICANT: Majumder, Kumud

; APPLICANT: Tallon, Bruce E.

; APPLICANT: Spaderna, Steven K.

; APPLICANT: Spytek, Kimberly A.

; APPLICANT: MacDougall, John

; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

; FILE REFERENCE: 15966-631

; CURRENT APPLICATION NUMBER: US/09/755,665

; CURRENT FILING DATE: 2001-08-14

; PRIOR APPLICATION NUMBER: U.S.N. 60/174,724

; PRIOR FILING DATE: 2000-01-06

; NUMBER OF SEQ ID NOS: 118

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 58

; LENGTH: 363

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-755-665-58

Query Match 65.0%; Score 1738; DB 10; Length 363;

Best Local Similarity 92.3%; Pred. No. 9.4e-128;

Matches 335; Conservative 19; Mismatches 9; Indels 0; Gaps 0;

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Db	1	EFATSLYRLAHSNSTNIFSPVSIATAFAMLSIGTKADTHDEILGLNPLNTEIPQAQ 60	
Qy	93	THEGFQELLRTLNQPSQLQTLTGNGFLSEGLKLVDPKFLDYKLVHSEAFVNFQDTE 152	
Db	61	VHEGFQELLRTLNQPSQLQTLTGNGFLSEGLKLVDPKFLDYKLVHSEAFVNFQDTE 120	
Qy	153	EAKQINDYVEKQGKIVDLVKELDRDTVFALVNYIFFKQWPERPEVKDTEEDPHVD 212	
Db	121	EAKQINDYVEKQGKIVDLVKELDRDTVFALVNYIFFKQWPERPEVKDTEEDPHVD 180	
Qy	213	QVTVKVPMMKRLGMFNQHCCKLSSVLLMKYLGNTATATFFLPDECKLQHLNETHDI 272	

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181 QATTVKVPMRRRLGMEFIYCEKLSWVLLMKYLGNTAIFFLPDQGLQHLNETHDI 240
273 ITKLENEEDRRSASLHLPKLSITGTVDKLSVLGQITKTVFSNGADLSGVTEAPLKLK 332
241 ITKLENEEDRRSASLHLPKLSITGTVDKLSVLGQITKTVFSNGADLSGVTEAPLKLK 300
333 AVHKAVLTIDEKTEAAGAMFLEAIPMSIPPEVKFNKPFVFLMIEQNTKSPFLMGKVNP 392
301 AVHKAVLTIDEKTEAAGAMFLEAIPMSIPPEVKFNKPFVFLMIEQNTKSPFLMGKVNP 360
393 TQK 395
361 TQK 363

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RESULT 2
US-09-755-665-14
; Sequence 14, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09755,665
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-14

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Query Match 29.3%; Score 785; DB 10; Length 414;
Best Local Similarity 42.7%; Pred. No. 1.3e-53;
Matches 155; Conservative 73; Mismatches 133; Indels 2; Gaps 1;

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QY 93 IHGFEQLLRTLNQPSQLTGTGNGFLSEGLKLVDPKLEVDKLYHSEAFVNFQDTE 152
Db 112 LHGFGHYIHELTKQTDKLSIGNTLFDQRLQPKRFLEDAKNFYSAETILTQFNLE 171
QY 153 EAKKQINDYVEKGTQKIVDLVKELDRDTVFALVNIFFKQKWERPFVKDTEEDFHYD 212
Db 172 MAQKQINDFISQTHGKINNLINIDPGVTMALLANIFFRARKHEDFPNVTKEEDFFLE 231
QY 273 ITKLENEEDRRSASLHLPKLSITGTVDKLSVLGQITKTVFSNGADLSGVTEAPLKLK 332
Db 292 FSRWKTLLSRVVDVSVPRLHMTGTFDLKKTLTSYIGVSKIFEHGDLTKIAPHRSLKVG 351
QY 333 AVHKAVLTIDEKTEAAGAMFLEAIPMSIPPEVKFNKPFVFLMIEQNTKSPFLMGKVNP 392
Db 352 AVHKAELKMDERGTEGAAGTGAQTLPMETPLVVKIDKPYLLIYSEKIPSVLFLGKIVNP 411
QY 393 TQK 395
Db 412 IGK 414

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RESULT 3
US-09-755-665-55
; Sequence 55, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09755,665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 414
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-665-55

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Query Match 29.3%; Score 785; DB 10; Length 414;
Best Local Similarity 42.7%; Pred. No. 1.3e-53;
Matches 155; Conservative 73; Mismatches 133; Indels 2; Gaps 1;

QY 33 EFASFYRLAHQSNSTNIFSPVSIATAFAMLSLGTAKTHDEILGKLNETHDIPEAQ 92
Db 54 DLGFKLLKLAFLYNGRNIFLSPISLSTAFSMLCLGAQDSTLDEIKQGFNER--KMPEKD 111
QY 93 IHGFEQLLRTLNQPSQLTGTGNGFLSEGLKLVDPKLEVDKLYHSEAFVNFQDTE 152
Db 112 LHGFGHYIHELTKQTDKLSIGNTLFDQRLQPKRFLEDAKNFYSAETILTQFNLE 171
QY 153 EAKKQINDYVEKGTQKIVDLVKELDRDTVFALVNIFFKQKWERPFVKDTEEDFHYD 212
Db 172 MAQKQINDFISQTHGKINNLINIDPGVTMALLANIFFRARKHEDFPNVTKEEDFFLE 231
QY 273 ITKLENEEDRRSASLHLPKLSITGTVDKLSVLGQITKTVFSNGADLSGVTEAPLKLK 332
Db 292 FSRWKTLLSRVVDVSVPRLHMTGTFDLKKTLTSYIGVSKIFEHGDLTKIAPHRSLKVG 351
QY 333 AVHKAVLTIDEKTEAAGAMFLEAIPMSIPPEVKFNKPFVFLMIEQNTKSPFLMGKVNP 392
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QY 393 TQK 395
Db 412 IGK 414

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RESULT 4
US-09-755-665-56
; Sequence 56, Application US/09755665
; Patent No. US20020107186A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09755,665

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;	;	PRIOR FILING DATE: 1997-10-28	;
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;	;	PRIOR APPLICATION NUMBER: 60/081049	;
;	;	PRIOR FILING DATE: 1998-04-08	;
;	;	PRIOR APPLICATION NUMBER: 60/081070	;
;	;	PRIOR FILING DATE: 1998-04-08	;
;	;	PRIOR APPLICATION NUMBER: 60/081195	;
;	;	PRIOR FILING DATE: 1998-04-09	;
;	;	PRIOR APPLICATION NUMBER: 60/081838	;
;	;	PRIOR FILING DATE: 1998-04-15	;
;	;	PRIOR APPLICATION NUMBER: 60/082568	;
;	;	PRIOR FILING DATE: 1998-04-21	;
;	;	PRIOR APPLICATION NUMBER: 60/082569	;
;	;	PRIOR FILING DATE: 1998-04-21	;
;	;	PRIOR APPLICATION NUMBER: 60/082704	;
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;	;	PRIOR APPLICATION NUMBER: 60/083496	;
;	;	PRIOR FILING DATE: 1998-04-29	;
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;	;	PRIOR FILING DATE: 1998-04-29	;
;	;	PRIOR APPLICATION NUMBER: 60/083559	;
;	;	PRIOR FILING DATE: 1998-04-29	;
;	;	PRIOR APPLICATION NUMBER: 60/084366	;

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2	PRIOR APPLICATION NUMBER: 60/084414	
3	PRIOR FILING DATE: 1998-05-06	
4	PRIOR APPLICATION NUMBER: 60/084639	
5	PRIOR FILING DATE: 1998-05-07	
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9	PRIOR FILING DATE: 1998-05-07	
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19	PRIOR FILING DATE: 1998-05-15	
20	PRIOR APPLICATION NUMBER: 60/086023	
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22	PRIOR APPLICATION NUMBER: 60/086392	
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24	PRIOR APPLICATION NUMBER: 60/086486	
25	PRIOR FILING DATE: 1998-05-22	
26	PRIOR APPLICATION NUMBER: 60/087098	
27	PRIOR FILING DATE: 1998-05-28	
28	PRIOR APPLICATION NUMBER: 60/087208	
29	PRIOR FILING DATE: 1998-05-28	
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32	PRIOR APPLICATION NUMBER: 60/087759	
33	PRIOR FILING DATE: 1998-06-02	
34	PRIOR APPLICATION NUMBER: 60/087827	
35	PRIOR FILING DATE: 1998-06-03	
36	PRIOR APPLICATION NUMBER: 60/088025	
37	PRIOR FILING DATE: 1998-06-04	
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52	PRIOR APPLICATION NUMBER: 60/088326	
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55	PRIOR FILING DATE: 1998-06-09	
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73	PRIOR FILING DATE: 1998-06-11	

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; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089090
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089908

Query Match 28.0%; Score 749.5; DB 12; Length 417;
Best Local Similarity 41.4%; Pred. No. 7.6e-51;
Matches 159; Conservative 78; Mismatches 136; Indels 11; Gaps 3;

QY 22 PTNKKITPNL-----AERAFSLYROLAQHNSNTNIFSPVSTATAFAMLSLGTAKDTHD 75
DB 33 PSSTKSTPASQVYSLNTDFAFLYRLVLETPSQNIFSPVSVSTSLAMLSLGAHSTVTKT 92
QY 76 EILEGLNENLTETPEAQIHGEGFQELLRTLNQPSQLQTLTGNGFLSEGLKLVDFLEDY 135
DB 93 QILQGLGNLTHTPESAIHQGFQHLVHSLTVPSKDLTLKMGSALEFVKKELQANFLGNV 152
QY 136 KLYHSEAFVTFNGDTEEAQKQINDYVEKGTQGIKVDLVKELDRDVFALVNYIFPKGW 195
DB 153 KRLYEAFFSTDFSNPSIAQARINSHVKKTKQGVVDIIQGLDLTAMVLVNHIFFAKW 212
QY 196 ERPEVKDTEEE--DFHVDQVTVKVPMMKRLGMENIQHCKKLSWVLLMKYLGNAIAIFF 254
DB 213 EKPFHEYTRKNFPFLVGEQVTVHPMMHQEQAFAGVDTELCNCFVLQMDYKGDVAFFV 272
QY 255 LPDEGKLOHLENELTHDIITKFLNEDRRSASLHLPKLSITGTYDLKSVLQGLGTVKVES 314
DB 273 LPSKGMKRLQEQALSARTLKWSHSLQKRWIEVFIPRESISASYNLETLILPKMGIONAFD 332
QY 315 NGADLSGVTEAPLKLKSAVHKAVALTIDEKGTGAAGAMFLAIPMSIPP-----EVKFNKP 370
DB 333 KNADEFSIAKRDLSQVSKATHKAVLDVSEGTETAATTTKFIIVRSKDGPSYFTVSFNRT 392
QY 371 FVFLMIEQNTKSPFLMGKVNPQTQ 394
DB 393 FLMMITNKATDGLILGKVENPTK 416

RESULT 7

US-09-912-628-5
; Sequence 5, Application US/09912628
; Patent No. US20020160491A1

GENERAL INFORMATION:

; APPLICANT: NI et al.
; TITLE OF INVENTION: Human Serpin Polynucleotides, Polypeptides, and Antibodies
; FILE REFERENCE: PT001P2
; CURRENT APPLICATION NUMBER: US/09/912,628
; PRIOR FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: PCT/US01/02484
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/178,769
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: PCT/US00/05082
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 435
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-912-628-5

Query Match 28.0%; Score 748.5; DB 9; Length 435;
Best Local Similarity 41.7%; Pred. No. 9.6e-51;
Matches 160; Conservative 76; Mismatches 137; Indels 11; Gaps 3;

QY 22 PTNKKITPNL-----AERAFSLYROLAQHNSNTNIFSPVSTATAFAMLSLGTAKDTHD 75
DB 51 PSSTKSTPASQVYSLNTDFAFLYRLVLETPSQNIFSPVSVSTSLAMLSLGAHSTVTKT 110
QY 76 EILEGLNENLTETPEAQIHGEGFQELLRTLNQPSQLQTLTGNGFLSEGLKLVDFLEDY 135
DB 111 QILQGLGNLTHTPESAIHQGFQHLVHSLTVPSKDLTLKMGSALEFVKKELQANFLGNV 170
QY 136 KLYHSEAFVTFNGDTEEAQKQINDYVEKGTQGIKVDLVKELDRDVFALVNYIFPKGW 195
DB 171 KRLYEAFFSTDFSNPSIAQARINSHVKKTKQGVVDIIQGLDLTAMVLVNHIFFAKW 230
QY 196 ERPEVKDTEEE--DFHVDQVTVKVPMMKRLGMENIQHCKKLSWVLLMKYLGNAIAIFF 254
DB 231 EKPFHEYTRKNFPFLVGEQVTVHPMMHQEQAFAGVDTELCNCFVLQMDYKGDVAFFV 290
QY 255 LPDEGKLOHLENELTHDIITKFLNEDRRSASLHLPKLSITGTYDLKSVLQGLGTVKVES 314
DB 291 LPSKGMKRLQEQALSARTLKWSHSLQKRWIEVFIPRESISASYNLETLILPKMGIONAFD 350
QY 315 NGADLSGVTEAPLKLKSAVHKAVALTIDEKGTGAAGAMFLAIPMSIPP-----EVKFNKP 370
DB 351 KNADEFSIAKRDLSQVSKATHKAVLDVSEGTETAATTTKFIIVRSKDGPSYFTVSFNRT 410
QY 371 FVFLMIEQNTKSPFLMGKVNPQTQ 394
DB 411 FLMMITNKATDGLILGKVENPTK 434

RESULT 8

US-09-865-812-2
; Sequence 2, Application US/09865812
; Patent No. US20020115626A1

GENERAL INFORMATION:

; APPLICANT: Rastelli, Luca
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: Method of Detecting Inflammatory Lung Disorders
; FILE REFERENCE: 21402-018 US
; CURRENT APPLICATION NUMBER: US/09/865,812
; PRIOR FILING DATE: 2001-05-28
; PRIOR APPLICATION NUMBER: 60/207,104
; PRIOR FILING DATE: 2000-05-25
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 132
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-865-812-2

Query Match 23.9%; Score 638.5; DB 10; Length 132;
Best Local Similarity 84.2%; Pred. No. 6.8e-43;
Matches 112; Conservative 5; Mismatches 9; Indels 7; Gaps 1;

QY 371 FVFLMIEQNTKSPFLMGKVNPQTOKMCKSPKAGVCPKPSAQCRLRYKKPCCQSDWCPG 430
DB 7 FFLVL-----LALGTLAPWAVEGSGKSPKAGVCPKPSAQCRLRYKKPCCQSDWCPG 59
QY 431 KKRCPCDTCIGKCLDPDVPDTPNTRRKPGKCPVTVYGCCLMLNPPNFCENDGCKRDLKCCM 490
DB 60 KKRCPCDTCIGKCLDPDVPDTPNTRRKPGKCPVTVYGCCLMLNPPNFCENDGCKRDLKCCM 119
QY 491 GMDGKSCVSPVKA 503
DB 120 GMDGKSCVSPVKA 132

Mon Dec 9 12:50:45 2002

RESULT 9
US-09-992-598-410
Sequence 410, Application US/09992598
Patent No. US20020160384A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Nepier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730PIC20
CURRENT APPLICATION NUMBER: US/09/992,598
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
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 ; PRIOR FILING DATE: 1998-07-02
 ; PRIOR APPLICATION NUMBER: 60/091978
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/091982
 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 20.4%; Score 544.5; DB 9; Length 444;
 Best Local Similarity 32.4%; Pred. No. 7.1e-35;
 Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;
 QY 2 EDPOGDAQKDTSHDQDHTFNKITPNALEAFSLYRLAHOSNSTNIFSPVSIATA 61
 DB 50 EDEQASEEAKGEEKAWLMASRQOLAKETSNFGFSLLRKISRHDG-NMVFSPFGMSLA 108
 QY 62 FAMLISGKADTHDILGLNFN-LTEIPEAQIHGFGFELLRTLNOPPSQQLTGTGCLF 120
 DB 109 MTGLMLGATGTETQIKGLGLQALQKPTKPGLLPSLFLKGLRETLSR-NLEGLSQGSFAF 167
 QY 121 LSEGLKLVKDFLEQVKLYLHSEAFVNFQDTEAKQNDVVEKGTGCKIVDLYVKELDRD 180
 DB 168 IHKDFDKVETFNLSKRYDFECVPMNERNASQAKRLMNHINKETRGKIPKLFDEINPE 227

QY 181 TVFALVNYIFPKGWERFEVVDQVTTVKVPMKRLGMFNIOHCKKLSWV 240
 DB 228 TKLILVDYILFKGKWLTPDFVTEVDFHLDKYTKIKVPMYAGAKFASTFDKNFRCHV 287
 QY 241 LLMKYLGNATAFFLPDE-GKLOHLENELTHDITTKFLENEEDRRSASLHLPKLSITGTID 299
 DB 298 LKLPYQGNATMLVLMKMGDHLALEDYLTDLVETWLRNMKTRNMEVFFPKFKLDQKYE 347
 QY 300 LKSVLQGLGKITKFSNGADLSGVTEEA-PLKLSKAVIKAVLTIDEKTEAAGAMFLEAIP 358
 DB 348 MHELLRQMGIRRIEFPFADLSLSATGRNLQVSRVLRTRTVEVDGRTGTEAVAGILSEITA 407
 QY 359 MSIPPEVKENKPFVFLMIEQNTKSPLEMGKVVNPT 393
 DB 408 YSMPPVIKDRPFHFMIEETSGMLFLGRVYNPT 442

RESULT 10

US-09-989-722-410
 ; Sequence 410, Application US/09989722
 ; Patent No. US20020072067A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi J.
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Kljavin, Ivar J.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2730P1C63
 ; CURRENT APPLICATION NUMBER: US/09/989,722
 ; CURRENT FILING DATE: 2001-11-19
 ; PRIOR APPLICATION NUMBER: 60/049787
 ; PRIOR FILING DATE: 1997-06-16
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/065186
 ; PRIOR FILING DATE: 1997-11-12
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 ; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066770
 ; PRIOR FILING DATE: 1997-11-24
 ; PRIOR APPLICATION NUMBER: 60/075945
 ; PRIOR FILING DATE: 1998-02-25
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/083322
 ; PRIOR FILING DATE: 1998-04-28
 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/087106
 ; PRIOR FILING DATE: 1998-05-28
 ; PRIOR APPLICATION NUMBER: 60/087607
 ; PRIOR FILING DATE: 1998-06-02

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[illegible]


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Query Match          20.4%; Score 544.5; DB 10; Length 444;
Best Local Similarity 32.4%; Pred. No. 7.1e-35;
Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

QY 2 EDQDGAQKTDTSRHHQDHPFTFNKTPNLAFAFSLYRQLAHQSNSTNIFSPVSIATA 61
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 50 EDQEAASEEKAGEEKAWLWASRQQLAKETSNGFSLLRKISMNRHGD-NWVSPFGMSLA 108
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 62 FAMLISGTTKADTHDEILEGNFN-LTEIPQAQIHGFGQELLRTLNQDPSQLQTTGNGLF 120
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 109 MTGLMLGATGPTETQIKRGLHLQALKPTKPGLLPSLFGKGLRETLR-NLELGLSQGSFAF 167
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 121 LSELGLVDKFLDVKKLVHSRAFTVNFCDTTEAKQINDYVEKGTQGVLDLVKELDRD 180
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 168 IHKDFVKTFFNLSRYDTECPVFNFRNASQAKRLMHHYINKETRGKIPKLFDEINPE 227
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 181 TVFALVNIYIFFKGKWRPERFEVDKDEEDFHVQVTVTKVPMKRLGMFNIQCKKLLSSWV 240
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 228 TKLILVDYILFKGKWLTPDPVTEVDTFHLDKYKTIKVPMMYGAGKFPASTFDKNFRCHV 287
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 241 LLMKYLGNTATFFLPDE-GKQHLNELTHDIIYKFLFNEDRRSASLHLPKLSITGYVD 299
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 288 LKLPYQGNATMLVLMKMGDHLAEDYLTDLVETLNRNMKTRNMEVFPFKLDQKYE 347
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 300 LKSVLGQLGITTKVFSNGADLSGVTEEA-PLKLSKAVHKAVLTIDEKGTGAAGAMFLEATP 358
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 348 MHELLRQMGIRRIEFPADLSLSATGRNLQVSRVLRRTVIEVDGTEAVAGIILSEITA 407
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 359 MSTPPEVKPKFPVFVLMIEONTKSPFLMGKGVVNPT 393
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Db 408 YSMPPIKVDKPFHFIYEETSGMLLFLGRVYNPT 442
   || : : : : : : : : : : : : : : : : : : : : : : : : : : : :

RESULT 11
US-09-989-723-410
; Sequence 410, Application us/0989723
; Patent No. US20020072092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC62
; CURRENT APPLICATION NUMBER: US/09/989,723
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
```


APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P27301C56
CURRENT APPLICATION NUMBER: US/09/989,279
CURRENT FILING DATE: 2001-11-19
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PRIOR FILING DATE: 1997-06-16
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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      20.4%; Score 544.5; DB 10; Length 444;
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Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

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DB 109 MTGLMGATGPTQIKRGLHLQALQKPTKPGLLPSLFKGLRETLRS-NLELGLSQGSFAF 167
QY 121 LSEGLKLVKDFLEDVKKLYHSEAFVNFQDTEAKKQINDYVEKGTQCTKVDLVKELDRD 180
DB 168 IHKDFDVKETTFNLSKRYFDTCEVPMFRNASQAKRLMNHYNKTEKGIKPKLFEINPE 227
QY 181 TVFALVNYIFFKQKWERPFVKDTEEDFHVDQVTVTKVPMKRLGMFNIOHCKKLSSWV 240
DB 228 TKLILVDYILFKGKWLTFDPVFVTEVDFHLDKYTKIKVPMYAGAKFASTFDKNFRCHV 287
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QY 359 MSIPPEVFNKPPVFLMIEQNTKPSLFMGKVVNPT 393
DB 408 YSMPPIKVRDRPFHFMIEEETSGMLLFLGRVVNPT 442

RESULT 13
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; Sequence 410, Application US/09989727
; Patent No. US20020072497A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC65
; CURRENT APPLICATION NUMBER: US/09/989,727
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
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; PRIOR FILING DATE: 1998-07-09

Query Match 20.4%; Score 544.5; DB 10; Length 444;

Best Local Similarity 32.4%; Pred. No. 7.1e-35;

Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

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QY 359 MSIPPEVKFNKPFVFLMTEQNTKSPFLMGKVNP 393
Db 408 YSMPPVIKVDPPHFMIVETSGMLLFLGRVNP 442

RESULT 14
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Patent No. US20020103125A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C70
CURRENT APPLICATION NUMBER: US/09/989,731
CURRENT FILING DATE: 2001-11-20
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Query Match 20.4%; Score 544.5; DB 10; Length 444;
 Best Local Similarity 32.4%; Pred. No. 7.1e-35;
 Matches 128; Conservative 85; Mismatches 177; Indels 5; Gaps 5;

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 DB 348 MHELLRQMGIRRIEFPFADLSSELSATGRNLQVSRVLRRTVIEVDERTGEAVAGILSEITA 407
 QY 359 MSIPPEVKFNKPEVFLMIEQNTKSPFLFMGKVVNPT 393
 DB 408 YSMPPVIRKVRPFRPHFYIYEETSGMLLFLGRVVNPT 442

RESULT 15
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 ; Sequence 410, Application US/09989732
 ; Patent No. US20020123463A1
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 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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